

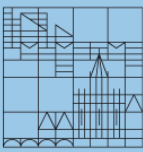
Transmission of Family Interdependence/Independence in Germany, Turkey, and India

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University of Konstanz

Symposium: Intergenerational transmission of values: The role of family relationships and social context, Convenors: Daniela Barni & Sonia Ranieri





Acknowledgments

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“Value of Children and Intergenerational Relations”-Project

Principal Investigators: Prof. Dr. G. Trommsdorff & Prof. Dr. B. Nauck

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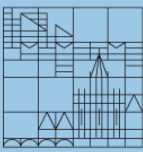
We would like to thank all collaborators from the participating countries:

Germany: PD Dr. Beate Schwarz, Dr. Isabelle Albert, Dr. Daniela Klaus, Dr. Jana Suckow

Turkey: Dr. Bilge Ataca, Prof. Dr. Cigdem Kagitcibasi

India: Prof. Dr. Ramesh Mishra

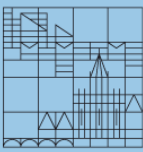




Theoretical Outline (1)

- **Transmission of Value Patterns**

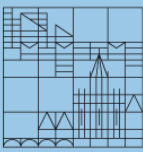
- Transmission research has gained importance (Schönpflug, 2009)
- Absolute vs. relative transmission
- Cross-cultural studies on transmission are rare
- Transmission of values different from transmission of value patterns:
Variable-oriented vs. **Person-oriented** approach (Bergman, 2001)
- **Current study:** Testing the cross-generational similarity (between mothers and their adolescent children) of person-oriented measures of family values across and within three cultures



Theoretical Outline (2)

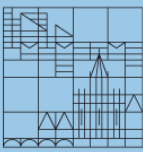
- **Family Value Patterns**

- Person-oriented measures of family interdependence/independence
- Based on Kagitcibasi's (2007) theory of family change
- Mayer (2009) identified 3 patterns in a 10-culture study (adolescents)
 - Family Model of Independence
 - Family Model of Emotional Interdependence
 - Family Model of (Complete) Interdependence
- 1st step: Replication of these value patterns for mothers and adolescents from Germany, Turkey and India via cluster analysis



Theoretical Outline (3)

- **Three Ideal-Typical Family Models** (Kagitcibasi, 2007)
 - **Family Model of Independence**
 - Emotional and material **independence**
→ Industrialized Western cultures, individualistic
 - **Family Model of (Complete) Interdependence**
 - Emotional and material **interdependence**
→ Traditional agrarian cultures, collectivistic
 - **Family Model of Emotional Interdependence**
 - Continuing **emotional interdependence**
Declining **material interdependence**
→ Modernizing cultures with collectivistic background

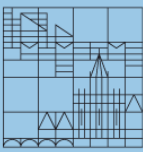


Cultures in the Study (1)

Germany



- Population = 82m
- HDI = .947
- Hofstede's IND = 67
- Hofstede's PDI = 35
- WVS Secular-Rational = 1.35
- **Family Model of Independence**
- Principal Investigators
 - Prof. Dr. Gisela Trommsdorff**
University of Konstanz
 - Prof. Dr. Bernhard Nauck**
Chemnitz University of Technology



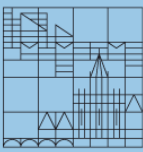
Cultures in the Study (2)

Turkey



- Population = 74m
- HDI = .806
- Hofstede's IND = 37
- Hofstede's PDI = 66
- WVS Secular-Rational = -.86
- **Family Model of Emotional Interdependence**
- Teamleaders
 - Prof. Dr. Cigdem Kagitçibasi**
Koc University, Istanbul
 - Dr. Bilge Ataca**
Bogazici University, Istanbul





Cultures in the Study (3)

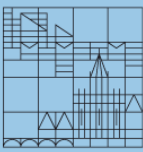
India



- Population = 1.12bn
- HDI = .612
- Hofstede's IND = 48
- Hofstede's PDI = 77
- WVS Secular-Rational = -.52
- **Family Model of Complete Interdependence**
- Teamleader

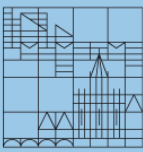
Prof. Dr. Ramesh Mishra

Banaras Hindu University, Varanasi



Sample

Country	Mothers	Adolescents	All	Age Moth	Age Adol
Germany	313	311	624	43.52	15.67
Turkey	308	310	618	39.80	14.73
- Urban High SES	101	101	202	42.65	15.14
- Urban Low SES	100	100	200	38.99	14.87
- Rural	107	109	216	37.44	14.19
India	300	300	600	40.83	16.05
- Urban	150	150	300	41.08	16.23
- Rural	150	150	300	40.54	15.85
Total	921	921	1842	41.55	15.48



Instruments / Constructs

- **Value of Children** (Arnold et al., 1975; Trommsdorff et al., 2002)
 - Emotional VOC (7 items)
 - Utilitarian/Normative VOC (8 items)
- **COLINDEX** (Chan, 1994)
 - Individualism (7 items)
 - Collectivism (6 items)
- **Family Values** (Georgas, 1991)
 - Family Relationship Values (5 items)

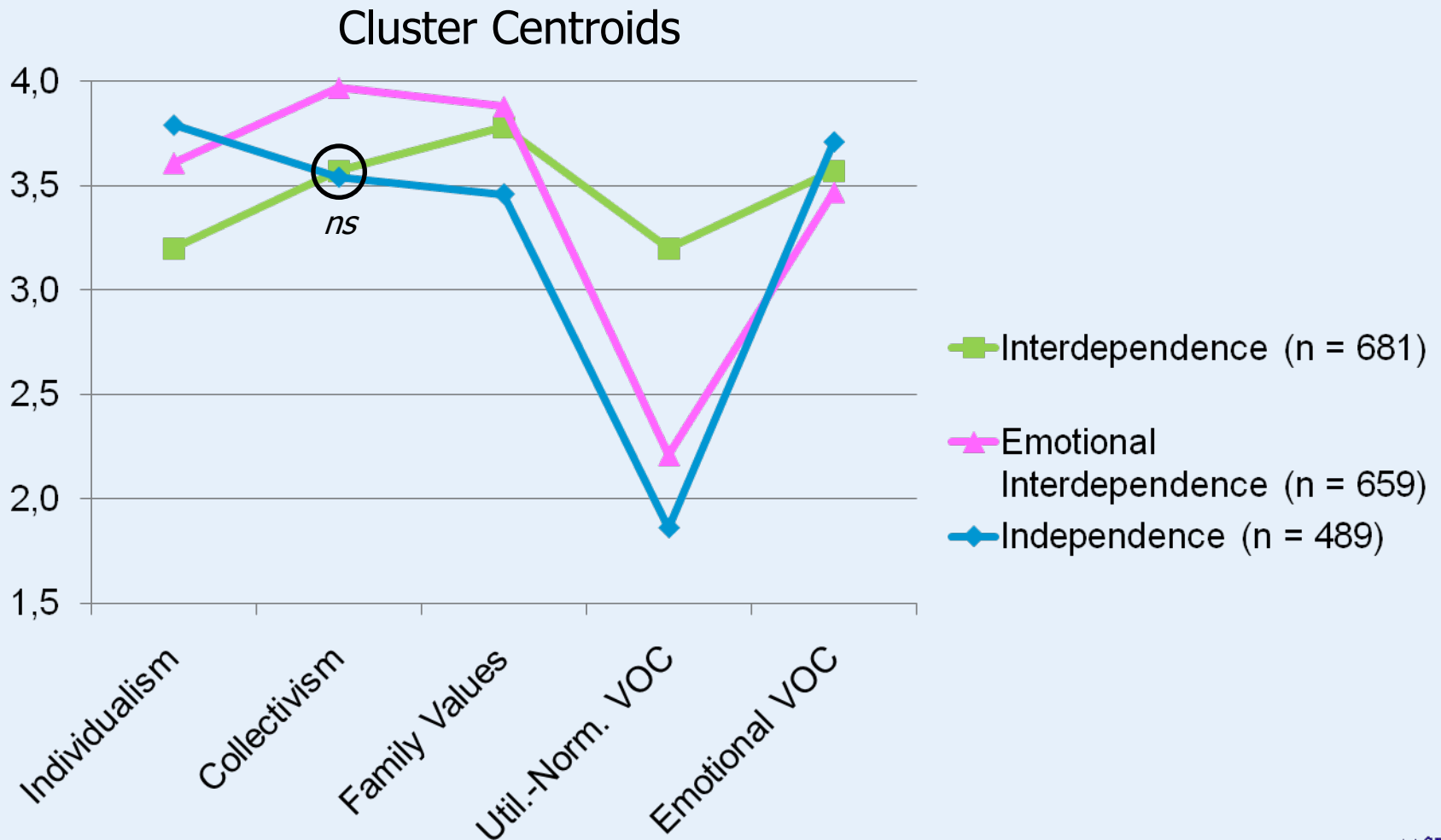


Sample Items & Reliabilities

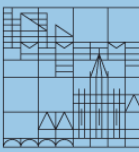
		Cronbach's Alpha					
		Germany		Turkey		India	
Scale	Sample Item	Mo	Ad	Mo	Ad	Mo	Ad
Individualism	Freedom (of action and thought)	.68	.70	.75	.73	.74	.72
Collectivism	Honor of your parents and elders (showing respect)	.74	.76	.68	.78	.84	.81
Family Values	One should maintain good relationships with one's relatives	.63	.58	.72	.67	.85	.81
Emotional VOC	Because it is a joy to have a small baby	.81	.81	.69	.83	.86	.84
Utilitarian/ Normative VOC	To have one more person to help your family economically	.80	.80	.83	.86	.66	.84



Family Value Profiles (1)



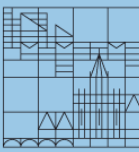
Differences among clusters for all variables and all post-hoc comparisons significant (except the comparison between Interdependence and Independence for Collectivism). Effect sizes (η^2): Individualism .31; Collectivism .24; Family Values .22; Util-Norm VOC .75; Emo-VOC .05



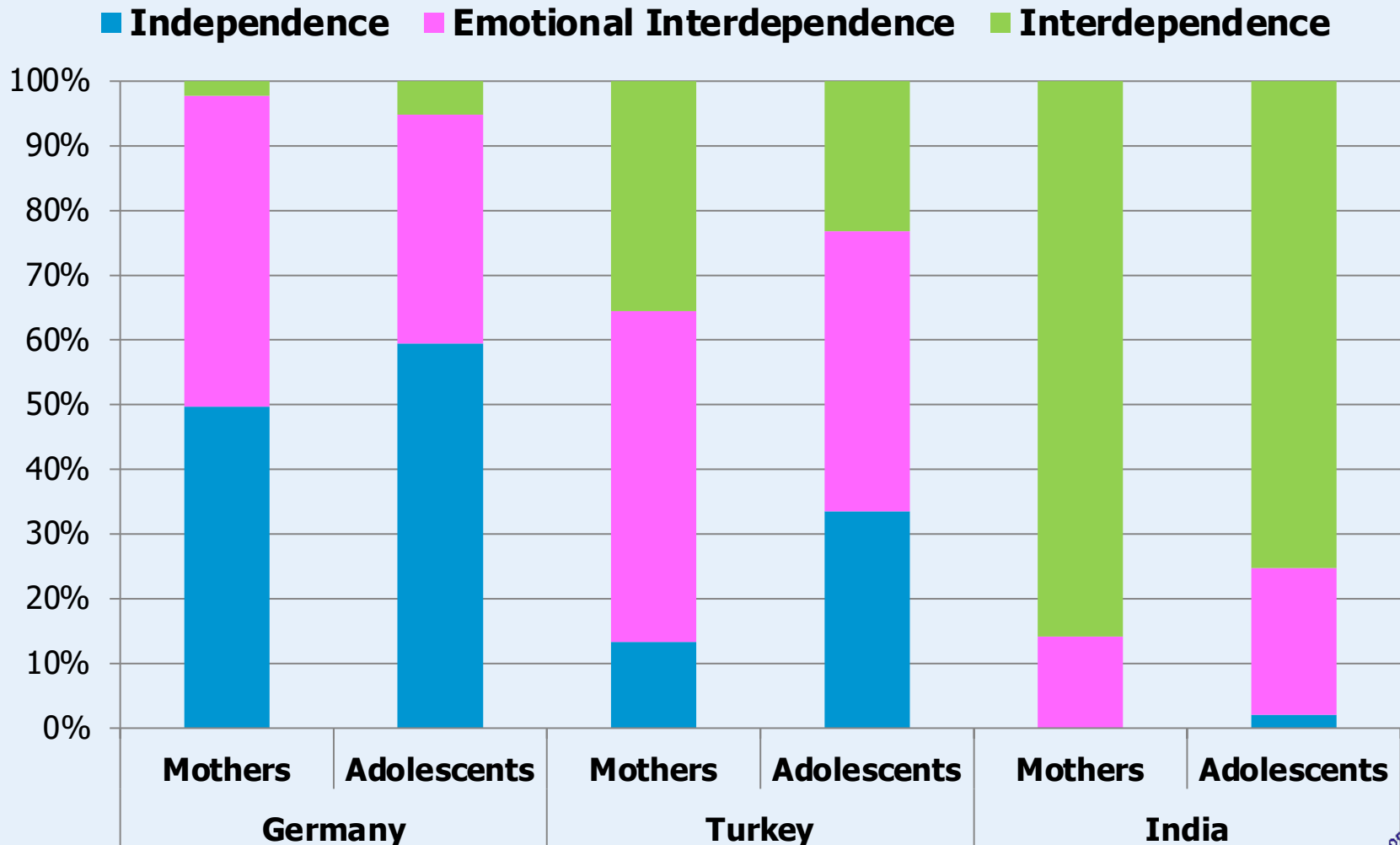
Family Value Profiles (2)

Summary

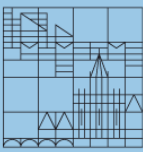
	Cluster: Family Model of...		
Values	Independence	Emotional Interdependence	Interdependence
Material Interdependence			
Individualism	↑	↑	↓
Utilitarian-Normative VOC	↓	↓	↑
Emotional Interdependence			
Collectivism	↓	↑	↓
Family Relationship Values	↓	↑	↑
Emotional VOC	↑	↑	↑



Family Value Profiles Across Cultures



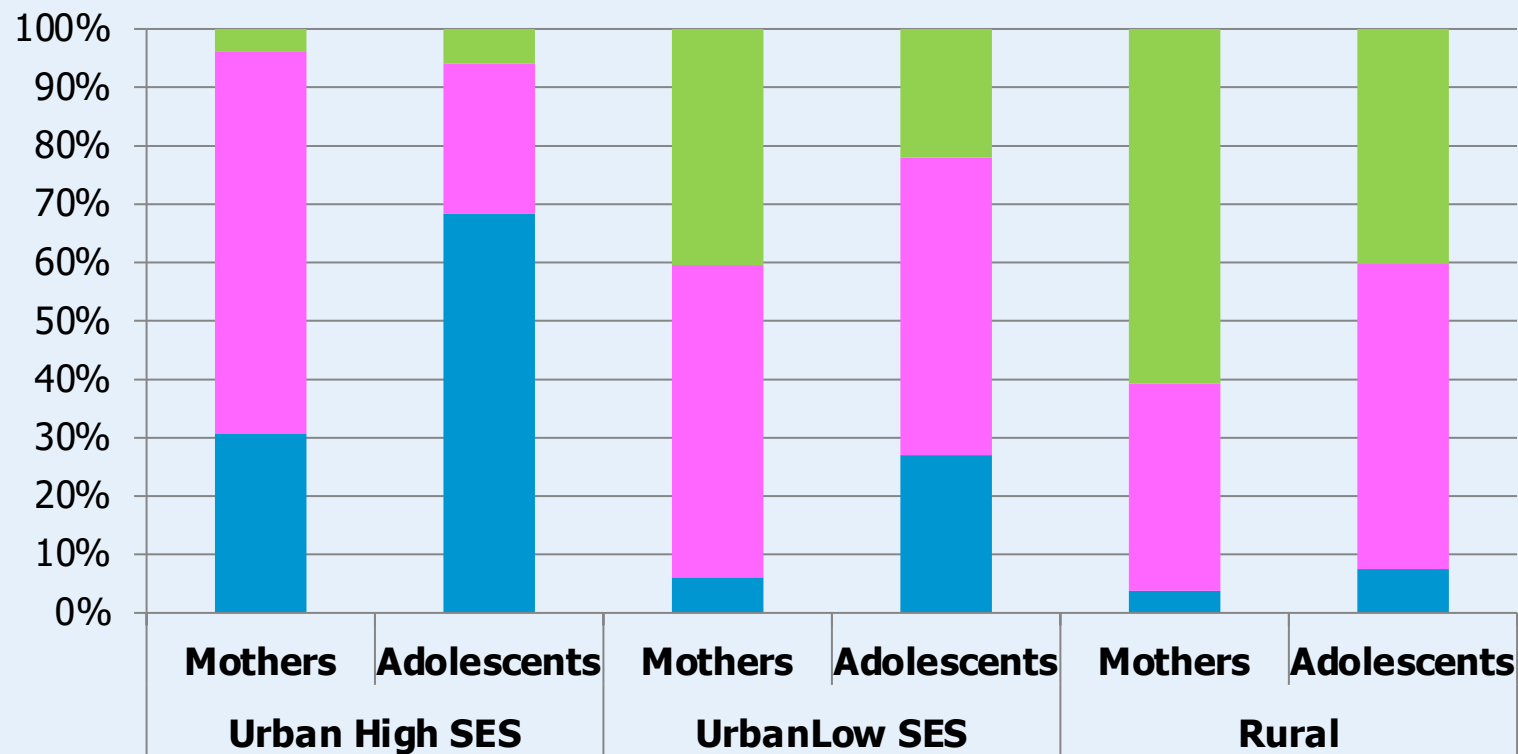
Multinomial Logistic Effects: Culture $p < .001$. Generation $p < .001$. C x G $p < .001$



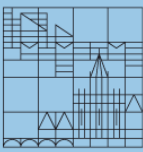
Family Value Profiles Across Regions

Turkey

■ Independence ■ Emotional Interdependence ■ Interdependence

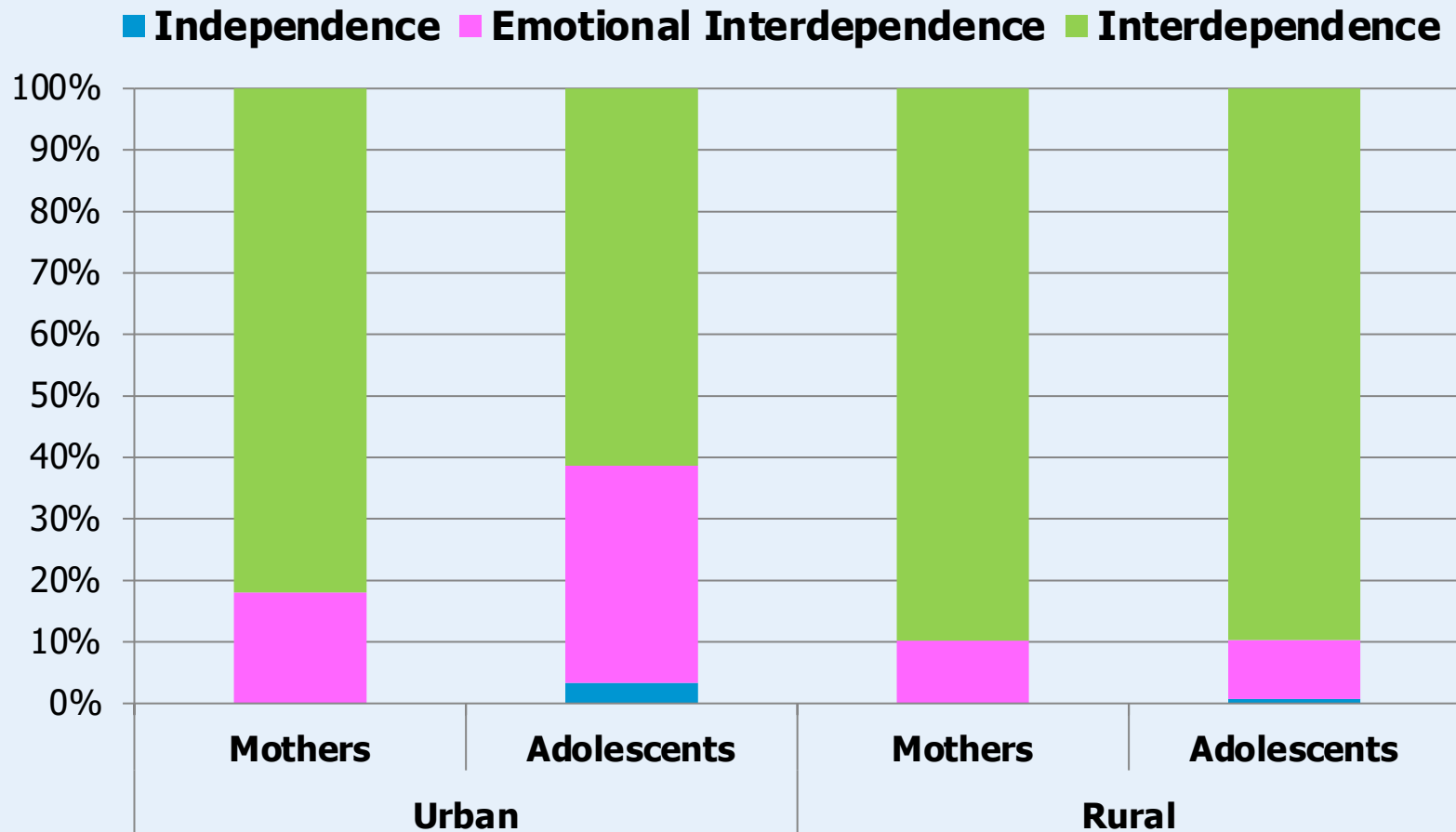


Multinomial Logistic Effects: Region $p < .001$. Generation $p < .001$. R x G $p = .08$

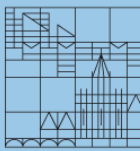


Family Value Profiles Across Regions

India



Multinomial Logistic Effects: Region $p < .001$. Generation $p < .001$. R x G $p = .10$



Transmission of Family Value Profiles

Pan-Cultural Analysis

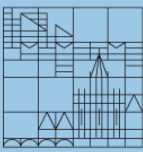
Mothers						
Adolescents		Indep	Emo Inter	Interdep	Kappa	Tau b
	Indep	132	140	20	.38***	.57***
	Emo Inter	52	156	100		
	Interdep	9	51	247		

- Overall generational similarity substantial
- Deviations of adolescents' family models from their mothers' family models mostly in direction of more **independent** family models
 - **Complete Interdependence** → **Emotional Interdependence**
 - **Emotional Interdependence** → **Independence**
- but: mixes culture-level transmission with individual-level transmission!



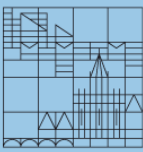
Transmission of Family Value Profiles (2)

Mothers						
Adolescents		Indep	Emo Inter	Interdep	Kappa	Tau b
	Germany				.15**	.18**
	Indep	103	77	2		
	Emo Inter	44	62	3		
	Interdep	5	9	2		
	Turkey				.19***	.38***
	Indep	29	61	14		
	Emo Inter	8	73	52		
	Interdep	4	23	43		
	India				.29***	.28***
	Indep		2	4	(Phi)	
	Emo Inter		21	45		
	Interdep		19	202		



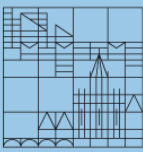
Discussion (1)

- Transmission of Family Value Profiles
 - Compared to pan-cultural analysis, within-culture similarities weaker (more „changers“)
 - „ecological fallacy“ due to strong cross-cultural differences in the distributions of family value profiles
 - **Mothers vs. Adolescents:** younger generation more independent
→ Generation or Age effect (or both)?
 - **Relative** rather than **absolute** transmission of family value patterns
 - But: generations within cultures more similar as compared to differences across cultures → cultural stability of family value patterns



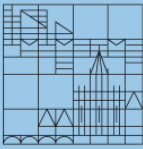
Discussion (2)

- Replication of Family Model Value Profiles
 - 2-generation sample (mothers & adolescents)
 - 3 cultures selected according to theoretical criteria
 - **Germany: Family Model of Independence** prevails
 - **Turkey: Family Model of Emotional Interdependence** prevails
but: strong Regional/SES differences
 - **India: Family Model of (Complete) Interdependence** prevails
but: some urban adolescents favor emotional interdependence model



Conclusions & Outlook

- Replication of family value profiles successful
- Cross-cultural and cross-regional (Turkey, India) distributions of family value patterns according to expectations
- Cross-generational distribution hints to value changes in direction of more independent/emotionally interdependent patterns
- **Substantial generational similarity of family value patterns**
- **Person-oriented approach (configurations/patterns) new in transmission research**
- Future research: Transmission belts



Thank you for your attention!



Transmission of Family Model Value Profiles: Turkey

Mothers						
Adolescents		Indep	Emo Inter	Interdep	Kappa	Tau b
	Urban High SES				.15*	.22*
	Indep	26	41	2		
	Emo Inter	4	21	1		
	Interdep	1	4	1		
	Urban Low SES				.01	.20*
	Indep	2	19	6		
	Emo Inter	3	25	23		
	Interdep	1	9	11		
	Rural				.21**	.13
	Indep	1	1	6		
	Emo Inter	1	27	28		
	Interdep	2	10	31		



Transmission of Family Model Value Profiles: India

Mothers						
Adolescents		Indep	Emo Inter	Interdep	Phi	Tau b
	Urban				.34***	.34***
	Indep		2	3		
	Emo Inter		18	35		
	Interdep		7	85		
	Rural				.13	.12
	Indep			1		
	Emo Inter		3	10		
	Interdep		12	117		